

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/538,171
Source: PCT
Date Processed by STIC: 6-27-05

ENTERED

**CRF Errors Edited by the STIC Systems
Branch**

Serial Number:

10/538, 171

CRF Edit Date:

6-27-05

Edited by:

TL

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

☒ Deleted: ☒ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:

Revised 09/09/2003

Raw Sequence Listing before editing,
for reference only



PCT

RAW SEQUENCE LISTING

DATE: 06/27/2005

PATENT APPLICATION: US/10/538,171

TIME: 16:15:12

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\06272005\J538171.raw

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4 <110> APPLICANT: Eldar-Finkelman, Hagit
6 <120> TITLE OF INVENTION: GLYCOGEN SYNTHASE KINASE-3 INHIBITORS
8 <130> FILE REFERENCE: 29724
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/538,171
C--> 10 <141> CURRENT FILING DATE: 2005-06-09
10 <160> NUMBER OF SEQ ID NOS: 19
12 <170> SOFTWARE: PatentIn version 3.2
14 <210> SEQ ID NO: 1
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17 <213> ORGANISM: Artificial sequence
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20 <223> OTHER INFORMATION: Synthetic peptide
23 <220> FEATURE:
24 <221> NAME/KEY: MOD_RES
25 <222> LOCATION: (11)..(11)
26 <223> OTHER INFORMATION: PHOSPHORYLATION
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30 Lys Arg Arg Glu Ile Leu Ser Arg Arg Pro Ser Tyr Arg
31 1          5          10
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35 <211> LENGTH: 9
36 <212> TYPE: PRT
37 <213> ORGANISM: Artificial sequence
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40 <223> OTHER INFORMATION: Synthetic peptide
43 <220> FEATURE:
44 <221> NAME/KEY: MOD_RES
45 <222> LOCATION: (7)..(7)
46 <223> OTHER INFORMATION: PHOSPHORYLATION
48 <400> SEQUENCE: 2
50 Ile Leu Ser Arg Arg Pro Ser Tyr Arg
51 1          5
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55 <211> LENGTH: 9
56 <212> TYPE: PRT
57 <213> ORGANISM: Artificial sequence
59 <220> FEATURE:
60 <223> OTHER INFORMATION: Synthetic peptide
62 <400> SEQUENCE: 3
64 Ile Leu Ser Arg Pro Pro Glu Tyr Arg
65 1          5
68 <210> SEQ ID NO: 4

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79 <222> LOCATION: (7)..(7)
80 <223> OTHER INFORMATION: PHOSPHORYLATION
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85 1 5
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91 <213> ORGANISM: Artificial sequence
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94 <223> OTHER INFORMATION: Synthetic peptide
97 <220> FEATURE:
98 <221> NAME/KEY: MOD_RES
99 <222> LOCATION: (11)..(11)
100 <223> OTHER INFORMATION: PHOSPHORYLATION
102 <400> SEQUENCE: 5
104 Lys Arg Arg Glu Ile Leu Ala Arg Arg Pro Ser Tyr Arg
105 1 5 10
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109 <211> LENGTH: 9
110 <212> TYPE: PRT
111 <213> ORGANISM: Artificial sequence
113 <220> FEATURE:
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119 <222> LOCATION: (8)..(8)
120 <223> OTHER INFORMATION: PHOSPHORYLATION
122 <400> SEQUENCE: 6
124 Ile Leu Ala Arg Arg Pro Ser Tyr Arg
125 1 5
128 <210> SEQ ID NO: 7
129 <211> LENGTH: 11
130 <212> TYPE: PRT
131 <213> ORGANISM: Artificial sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: Synthetic peptide
137 <220> FEATURE:
138 <221> NAME/KEY: MOD_RES
139 <222> LOCATION: (10)..(10)
140 <223> OTHER INFORMATION: PHOSPHORYLATION
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144 Lys Glu Glu Pro Pro Ser Pro Pro Gln Ser Pro

145 1 5 10

148 <210> SEQ ID NO: 8

149 <211> LENGTH: 11

150 <212> TYPE: PRT

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154 <223> OTHER INFORMATION: Synthetic peptide

157 <220> FEATURE:

158 <221> NAME/KEY: MOD_RES

159 <222> LOCATION: (10)..(10)

160 <223> OTHER INFORMATION: PHOSPHORYLATION

162 <400> SEQUENCE: 8

164 Lys Glu Glu Pro Pro Ala Pro Pro Gln Ser Pro

165 1 5 10

168 <210> SEQ ID NO: 9

169 <211> LENGTH: 11

170 <212> TYPE: PRT

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174 <223> OTHER INFORMATION: Synthetic peptide

177 <220> FEATURE:

178 <221> NAME/KEY: MOD_RES

179 <222> LOCATION: (10)..(10)

180 <223> OTHER INFORMATION: PHOSPHORYLATION

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185 1 5 10

188 <210> SEQ ID NO: 10

189 <211> LENGTH: 11

190 <212> TYPE: PRT

191 <213> ORGANISM: Artificial sequence

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194 <223> OTHER INFORMATION: Synthetic peptide

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199 1 5 10

202 <210> SEQ ID NO: 11

203 <211> LENGTH: 11

204 <212> TYPE: PRT

205 <213> ORGANISM: Artificial sequence

207 <220> FEATURE:

208 <223> OTHER INFORMATION: Synthetic peptide

210 <400> SEQUENCE: 11

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213 1 5 10

216 <210> SEQ ID NO: 12

217 <211> LENGTH: 7

218 <212> TYPE: PRT

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Input Set : A:\pto.kd.txt

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219 <213> ORGANISM: Artificial sequence
 221 <220> FEATURE:
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 225 <220> FEATURE:
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 228 <223> OTHER INFORMATION: PHOSPHORYLATION
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 233 1 5
 236 <210> SEQ ID NO: 13
 237 <211> LENGTH: 8
 238 <212> TYPE: PRT
 239 <213> ORGANISM: Artificial sequence
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 242 <223> OTHER INFORMATION: Synthetic peptide
 244 <400> SEQUENCE: 13
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 247 1 5
 250 <210> SEQ ID NO: 14
 251 <211> LENGTH: 6
 252 <212> TYPE: PRT
 253 <213> ORGANISM: Artificial sequence
 255 <220> FEATURE:
 256 <223> OTHER INFORMATION: Synthetic peptide
 258 <400> SEQUENCE: 14
 260 Glu Pro Pro Ala Pro Arg
 261 1 5
 264 <210> SEQ ID NO: 15
 265 <211> LENGTH: 26
 266 <212> TYPE: PRT
 267 <213> ORGANISM: Artificial sequence
 269 <220> FEATURE:
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 273 <220> FEATURE:
 274 <221> NAME/KEY: MOD_RES
 275 <222> LOCATION: (21)..(21)
 276 <223> OTHER INFORMATION: PHOSPHORYLATION
 278 <400> SEQUENCE: 15
 280 Tyr Arg Arg Ala Ala Val Pro Pro Ser Pro Ser Leu Ser Arg His Ser
 281 1 5 10 15
 284 Ser Pro Ser Gln Ser Glu Asp Glu Glu Glu
 285 20 25
 288 <210> SEQ ID NO: 16
 289 <211> LENGTH: 12
 290 <212> TYPE: PRT
 291 <213> ORGANISM: Artificial sequence
 293 <220> FEATURE:
 294 <223> OTHER INFORMATION: Synthetic peptide

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297 <220> FEATURE:
298 <221> NAME/KEY: misc_feature
299 <223> OTHER INFORMATION: N'-myristolated peptide
301 <220> FEATURE:
302 <221> NAME/KEY: MOD_RES
303 <222> LOCATION: (11)..(11)
304 <223> OTHER INFORMATION: PHOSPHORYLATION
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308 Gly Lys Glu Ala Pro Pro Ala Pro Pro Gln Ser Pro
309 1          5          10
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313 <211> LENGTH: 13
314 <212> TYPE: PRT
315 <213> ORGANISM: Artificial sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: Synthetic peptide
321 <220> FEATURE:
322 <221> NAME/KEY: misc_feature
323 <223> OTHER INFORMATION: N'-myristolated peptide
325 <400> SEQUENCE: 17
327 Gly Lys Glu Ala Pro Pro Ala Pro Pro Gln Ser Glu Pro
328 1          5          10
331 <210> SEQ ID NO: 18
332 <211> LENGTH: 12
333 <212> TYPE: PRT
334 <213> ORGANISM: Artificial sequence
336 <220> FEATURE:
337 <223> OTHER INFORMATION: Synthetic peptide
339 <400> SEQUENCE: 18
341 Gly Lys Glu Ala Pro Pro Ala Pro Pro Gln Ser Pro
342 1          5          10
345 <210> SEQ ID NO: 19
346 <211> LENGTH: 5
347 <212> TYPE: PRT
348 <213> ORGANISM: Artificial sequence
350 <220> FEATURE:
351 <223> OTHER INFORMATION: Inhibitory peptide minimal consensus sequence
354 <220> FEATURE:
355 <221> NAME/KEY: misc_feature
356 <222> LOCATION: (2)..(4)
357 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
359 <220> FEATURE:
360 <221> NAME/KEY: MOD_RES
361 <222> LOCATION: (5)..(5)
362 <223> OTHER INFORMATION: PHOSPHORYLATION
364 <400> SEQUENCE: 19
W--> 366 Ser Xaa Xaa Xaa Ser
367 1          5

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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:19; Xaa Pos. 2,3,4

VERIFICATION SUMMARY

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Input Set : A:\pto.kd.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0